Title (en)

Data-capable network prioritization with reject code handling

Title (de)

Priorisierung datenfähiger Netzwerke mit Zurückweisungscode-Abwicklung

Title (fr)

Priorisation de réseau selon les données avec traitement du code de rejet

Publication

EP 2346287 A1 20110720 (EN)

Application

EP 10185939 A 20041112

Previously filed application

PCT/CA2004/001952 20041112 WO

Priority

- EP 04797204 A 20041112
- US 51915003 P 20031112

Abstract (en)

A method for use by a mobile station (115) in selecting a wireless communication network for communications with the mobile station (115) comprises the steps of selecting a first wireless network (210) available for communications with the mobile station (115) and causing a request for data connectivity to be transmitted to the first wireless network (210) selected. If a rejection is received from the first wireless network (210) in response to the request for data connectivity, the mobile station (115) reattempts the request for data connectivity to the first wireless network (210) at least one time and selects a second wireless network (215) available for communications with the mobile station (115) after the request for data connectivity to the first wireless network (210) is reattempted the at least one time without success. On the other hand, the mobile station (115) selects the second wireless network (215) available for communications with the mobile station (115) without reattempting the request for data connectivity to the first wireless network (210) the at least one time if a reject code associated with the rejection and indicating that data services are not allowed in the first wireless network (210) is received from the first wireless network (210).

IPC 8 full level

H04L 69/40 (2022.01); **H04W 48/18** (2009.01); H04W 28/04 (2009.01); H04W 76/02 (2009.01); H04W 80/04 (2009.01)

CPC (source: BR EP US)

H04W 48/18 (2013.01 - BR EP US); H04L 69/40 (2013.01 - BR EP US); H04W 76/18 (2018.01 - BR EP US); H04W 80/04 (2013.01 - BR EP US)

Citation (search report)

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EP2827645A4; US9271172B2; US9713055B2; US10512013B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

WO 2005048631 A1 20050526; **WO 2005048631 A8 20050818**; AT E496505 T1 20110215; AU 2004310099 A1 20050526; AU 2004310099 B2 20090205; AU 2009201805 A1 20090528; AU 2009201805 B2 20120202; AU 2009201805 C1 20121206; BR PI0416330 A 20080701; BR PI0416330 B1 20181016; BR PI0416330 B8 20190730; CA 2545864 A1 20050526; CA 2545864 C 20160202; CN 101951670 A 20110119; CN 101951670 B 20120808; CN 1902977 A 20070124; CN 1902977 B 20101201; DE 602004031146 D1 20110303; EP 1690434 A1 20060816; EP 1690434 A4 20070110; EP 1690434 B1 20110119; EP 2190244 A1 20100526; EP 2190244 B1 20140521; EP 2343929 A1 20110713; EP 2343929 B1 20210922; EP 2346287 A1 20110720; EP 2346287 B1 20160601; EP 2375825 A1 20111012; EP 2375825 B1 20150826; HK 1094498 A1 20070330; HK 1151159 A1 20120120; HK 1163426 A1 20120907; JP 2007511143 A 20070426; JP 2009239918 A 20091015; JP 4429319 B2 20100310; JP 4856212 B2 20120118; KR 100869982 B1 20081121; KR 20060103329 A 20060928; US 2005227720 A1 20051013; US 2008081622 A1 20080403; US 2010048208 A9 20100225; US 2010203888 A1 20100812; US 7197312 B2 20070327; US 7689219 B2 20100330; US 9326227 B2 20160426; US RE42392 E 20110524

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CA 2004001952 W 20041112; AT 04797204 T 20041112; AU 2004310099 A 20041112; AU 2009201805 A 20090505; BR PI0416330 A 20041112; CA 2545864 A 20041112; CN 200480040256 A 20041112; CN 201010298770 A 20041112; DE 602004031146 T 20041112; EP 04797204 A 20041112; EP 10154241 A 20041112; EP 10185506 A 20041112; EP 10185933 A 20041112; EP 10185939 A 20041112; HK 07101681 A 20070213; HK 11104972 A 20110520; HK 12103651 A 20120412; JP 2006538620 A 20041112; JP 2009113084 A 20090507; KR 20067011493 A 20060612; US 41296309 A 20090327; US 67473807 A 20070214; US 70469910 A 20100212; US 98765804 A 20041112